

CLAIMS

What is claimed is:

1. A method for providing real-time provisioning at a customer premises
5 equipment, the method comprising:

receiving an incoming call at a carrier network;

transmitting a message comprising one or more choices corresponding to handling
of the incoming call from the carrier network to the customer premises equipment;

receiving a response at the carrier network corresponding to the one or more
10 choices in the transmitted message ; and

processing the incoming call at the carrier network according to the received
response.

2. The method of claim 1 further comprising:

15 providing call information at the customer premises equipment.

3. The method of claim 1 further comprising:

selecting one of the one or more choices at the customer premises equipment,
wherein the selection generates the response.

20 4. The method of claim 1 wherein processing the incoming call corresponds
to the response selected from the group consisting of connecting the call to the customer

premises equipment, forwarding the call to voice mail, and forwarding the call to a third party.

5. The method of claim 1 wherein providing one or more choices at the customer premises equipment is provided by short message service (SMS) message.

6. The method of claim 1 wherein the customer premises equipment is a mobile telephone, personal digital assistant (PDA), pager, or hand-held wireless device.

7. A method for providing real-time service provisioning, the method comprising:

receiving an incoming call from a first mobile station;

querying for processing instructions in response to the received call;

providing a message comprising one or more choices at a second mobile station corresponding to the processing of the incoming call;

receiving a response from the second mobile station corresponding to a selected choice of the provided message comprising one or more choices; and

responding to the query by providing processing instructions according to the received response.

8. The method of claim 8 wherein providing one or more choices at the mobile station is provided by pushing a short message service (SMS) message to the second mobile station.

5 9. The method of claim 8 wherein a mobile switching center (MSC) queries for processing instructions.

10. The method of claim 8 wherein a web-server provides one or more choices at the second mobile station.

10 11. The method of claim 8 wherein a web-server receives a response from the second mobile station.

15 12. The method of claim 8 wherein a service control point (SCP) responds to the query by providing message instructions according to the received response.

13. A system for providing service provisioning, the system comprises:
a first call processing entity for receiving an incoming call from a first mobile station, and for querying for processing instructions in response to the received call;
20 a second call processing entity for pushing information corresponding to the received call into the Internet domain;

a web-server for receiving the information in the Internet domain and for providing one or more choices at a second mobile station corresponding to the processing of the incoming call, and for receiving a response from the second mobile station corresponding to a selected choice of the provided one or more choices; and

5 wherein the second call processing entity responds to the query by providing processing instructions according to the received response at the web-server, and wherein the first call processing entity processes the received call in response to the processing instructions.

10 14. The system of claim 13 wherein the first call processing entity is a mobile switching center (MSC).

15 15. The system of claim 13 wherein the second call processing entity is a service control point (SCP).

16 16. The system of claim 13 wherein second call processing entity can communicate with the web-server over an HTTP packet network.

17 17. The system of claim 13 further comprising:

20 a second server; and

a third call processing entity;

wherein the second server pushes an alert message containing the one or more choices via the third call processing entity to the first call processing entity, and wherein the first call processing entity forwards the alert message to the second mobile station.

- 5 18. The system of claim 17 wherein the third call processing entity is a short message service center (SMSC)

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